FINAL 6/6/2012
PARTICIPATION RATES FOR CMAP Measures

With madelphoto Chrose this Participation rates for all CMAP measures.

Local Measures - Electric/Natural Gas	INPUTS 2020	201
Local weastifes - Electric Natural Gas	2020	200
Average Energy Reduction (%)	15%	15
% Commercial SF	10%	25
Commercial Efficiency Retrofits	10%	- 25
Energy Reduction (%/unit)	15%	15
Area Retrofit (% of SF)	10%	25
Residential Efficiency Retrofit - Single Family (SE)	10%	- 25
Energy Reduction (%/unit)	30%	30
Number of Units Retrofit (% total units)	10%	25
Residential Efficiency Retrofit - Multi Family	2074	
Energy Reduction (%/unit)	20%	20
Number of Units Retrofit (% total units)	15%	30
Residential Solar Water Heating Retrofit - SF		
Number of Units (% total units)	5%	15
Commercial Solar Water Heating Retrofit		
Reduction in water heating energy	50%	50
% commercial water heating energy affect	5%	15
Residential PV		
Total Capacity (MW)	50	20
Commercial PV		
Total Capacity (MW)	150	35
Cogeneration (MW)		
Total Capacity (MW)	150	25
Residential New Construction		
% better than T24	15%	
Participation Rate after 2015	100%	
Commercial New Construction		
% better than T24	15%	
Participation Rate after 2015	100%	
Water Use Efficiency	142	11
Gal/person/day City Building Efficiency	142	
% reduction in total energy consumption	20%	30
A reaction in total energy contamption	20.4	20
Local Measures - Transportation	2020	203
Mass Transit		
% mode share	8%	10
% mode share Bicycle Intrastructure	8%	10
Bicycle Intrastructure Bicycle Ianes per square mile	8%	10
Bicycle Intrastructure Bicycle Ianes per square mile Parking - reduce spaces	4	
Bicycle lanes per square mile Parking - reduce spaces % of total reduced Metro area		
Bicycle Intrastructure Bicycle Ianes per square mile Parking - reduce spaces \$ of total reduced Metro area Parking - preferred parking for Evs	4	20
Bicycle Intrastructure Bicycle Innes per square mile Parking - reduces spaces % of total reduced Motro area Parking - preferred parking for Evs % reserved for electric vehicles	4	20
Bicycle Intrastructure Bicycle Intrastructure Bicycle Innes per souure mile Parking - reduce spaces N of total reduced Metro area Parking - preferred parking for tos N easenved for electric vehicles Parking - Increased fees	10%	20
Bicycle Intrastructure Bicycle Intrastructure Bruckle Innet per source mile Parking - reduce spaces % of total reduced Metros area Parking - perfect parking for tos % reserved for electric whicies Parking - Increased Sees \$ per day	4	20
Bicycle InternativeCurse Bicycle InternativeCurse Bicycle InternativeCurse Bicycle Internative Bicycle Internative K of Intell' parket K reserved for electric vehicles Parketing- Internation of Energy S per day Cycyl Sam Diago Share of 58 378 Reductions	10%	20
Boyde Instatucture Boyde Inspace Service Parking - reduce space Boyde Inspace Service	10%	20
Bicycle InternativeCurse Bicycle InternativeCurse Bicycle InternativeCurse Bicycle Internative Bicycle Internative K of Intell' parket K reserved for electric vehicles Parketing- Internation of Energy S per day Cycyl Sam Diago Share of 58 378 Reductions	10%	20
Boyde Interactucture Brock lumps are source mile Brock lumps are source mile Brock lumps are source mile Strok lumps are source mile An Enter facilities An Enter facilities Brock lumps are source Brazing - preferred parking for Kn S. Researed for device wholes Parking - preferred parking for Kn S. Researed for device wholes Parking - Increased fees S per day CE of SIA Disposared SIA ST Selections, for control	4 10% 10% 24	200
Bicycle Interacturcture Bicycle Interacturcture Bicycle Interacturcture Bicycle Interacturcture N of Dott Produces Metro area N of Dott Produces Metro area N reserved for electric vehicles N reserved for electric vehicles S per day (produces feet feet S per day (produces feet feet (produces feet feet) (produces feet)	10%	200
Regular International Processing and Processing and Participation and Control Processing Accessing Accessi	4 10% 10% 24 100%	200 200 3
Reyel interactions Record lice are at expert mile Parline; refere spaces So of business of them are a Farline; refere spaces So of business of them are a Farline; prefere of them are a	4 10% 10% 24	200 200 3
Regist internationals Entotal ice may assume mittle Facility in one as essure mittle Facility in one as essure mittle Facility in one assume See of a substitution of a substitution See of a supera substitution See of a substitution See of a supera sub	4 10% 10% 24 100%	200 200 3
Negot interactionals Book lice are as easier mile Facility in vision speech Facility in vision speech Facility in vision speech Facility in vision speech N. researced parking for the N. researced parking for the N. researced for destrict excitosis Facility in vision speech S part only Facility in vision S part of vision S part of vision S part of vision S part of vision part on conditionals, each Research vision Facility in vision part on conditionals, each Research vision Facility in vision part on conditionals, each Research vision Re	4 10% 10% 24 100%	200 200 3
Regist interactions Record lice are at easier with Record lice are at easier with Parting - reloce spaces S. of value relocate better area Yealing - partine parting for So. Yealing - partine parting for So. So of value relocate better area S per day S per	4 10% 10% 24 100% 15	200 200 31 1000 31
Neglet interactionse Enoté lice ne se source mité Facilité, resident separe. Facilité, resident separe. Facilité, resident separe. Ne securée de la commandation d	10% 10% 10% 24 100% 15	200 200 3100 3111
Regist interactioners Ench lie en ar ensprumit Ench lie en ar ensprumit Ench lie en ar ensprumit Forder en ar ensprumit Forder en ar ensprumit Forder en ar	4 10% 10% 24 100% 15	200 200 3100 3111
Neglet interactionse Enoté lice ne se source mité Facilité, resident separe. Facilité, resident separe. Facilité, resident separe. Ne securée de la commandation d	10% 10% 10% 24 100% 15	200 200 3100 3111
Regist interactioners Ench lie en ar ensprumit Ench lie en ar ensprumit Ench lie en ar ensprumit Forder en ar ensprumit Forder en ar ensprumit Forder en ar	10% 10% 10% 24 100% 15	200 200 3 1000 3 111 900 200
Neglet interactionse Enclark lies are strauer mittle Facilities resident speece Facilities resident Facilities Faciliti	4 10% 10% 24 100% 15 4% 90% 2000	200 200 3 1000 3 111 900 200
Neglet interactions Enclark lies are assure mith Facility in the second seven South lies are assure mith Facility in the second seven South interaction of the second seven South interaction of the second seven South interaction of the second second seven Southern	4 10% 10% 24 100% 15 4% 90% 2000	200 200 200 1000 1000 1000 1000 1000 10
New International State of the Control of the Contr	4 10% 10% 24 100% 15 4% 20% 2000	200 200 200 1000 1000 1000 1000 1000 10
Regist interactioners Rock lie on are couper mile Rock lie on are couper mile and the country of the couper mile and the couper mile Necessaries of a pointing for the Necessaries of a country of the couper mile Necessaries of a country of the country Cept of an one type have of \$8.378 indications (Indicate texticoments, caped, vespeed, longest, texticolars the country of the couper	4 10% 10% 24 100% 15 4% 90% 2000 12% 2000	200 200 1000 1111 1111 2007 2007 2007
Neglet interactionals Enote lice may require mit Facility in relation season Facility in relation season Facility in relation season A relating preferred angles person N researced for describe selection N relating to the season N or season of the season N or season	4 10% 10% 24 100% 15 4% 2000 12% 2000 80%	200 200 200 200 200 200 200 200 200 200
Regist interactioners Rock lie on are couper mile Rock lie on are couper mile and the country of the couper mile and the couper mile Necessaries of a pointing for the Necessaries of a country of the couper mile Necessaries of a country of the country Cept of an one type have of \$8.378 indications (Indicate texticoments, caped, vespeed, longest, texticolars the country of the couper	4 10% 10% 24 100% 15 4% 90% 2000 12% 2000	200 200 200 200 200 200 200 200 200 200
Neglet interactionse Enclark lein an er souse mith Facility in relation speech Enclark lein an er souse mith Facility in relation speech Facility in relation speech The speech of the speech in the speech The speech of speech in the speech in the speech The speech of speech in the speech in the speech The speech of the speech in the spee	4 10% 10% 24 100% 15 4% 2000 12% 2000 2000 80%	200 200 1000 1000 1000 1000 1000 1000 1
Next interactionse Book lice are arouse mith Farling - referen seven	4 10% 10% 24 100% 15 4% 2000 12% 2000 80%	200 200 1000 1000 1000 1000 1000 1000 1
Regist interactioners Rock lie on are couper mile Rock lie on a granting for fee N. research of solicits withints Cept of an other planting for fee N. research for desirts withints Cept of an other planting for fee N. research for desirts withints Cept of an other plant we first 37.78 Andreiters (Indicate Intermental Cept of the 37.78 Andreiters Andreiters of the 37.78 Andreiters N. research presents benefit for	4 10% 10% 10% 100% 15 100% 15 100% 15 100% 15 100% 100%	200 200 200 200 200 200 200 200 200 200
New International Production of the Control	4 10% 10% 10% 24 160% 15 15 15 160% 15 200 12% 2000 80% 2000 80% 2000 33%	200 200 200 200 200 200 200 200 200 200
Regist interactioners Book lie in an er source mitte Roch lie in an er source mitte Farting, referred agenting for the N, researced proving for the N, researced for statistic activities N, researced for statistic activities Cept of the Independent of the Independent of the Independent of the Independent of Independent of Independent intercommunication, proposed, independent intercommunication, proposed, independent intercommunication, such as the Independent intercommunication of Independent intercommunication of Independent intercommunication of Independent intercommunication of Independent	4 10% 10% 24 100% 100% 150% 250% 2000 12% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 2000 200% 2000 2000 200% 2000 2000 200% 2000 200% 2000 2000 2000 2000 200% 2000	200 200 200 200 200 200 200 200 200 200
Regist interactionses Rock lies are are pury mile Rock lies are are pury mile Rock lies are are pury mile Rock lies are are are are Rock lies are are are are Rock lies are are are are Research of select working Research of the STA Research Research of select working Research of STA Research Research of STA Research Research of STA Research Research Research of STA Research Res	4 10% 10% 10% 24 160% 15 15 15 160% 15 200 12% 2000 80% 2000 80% 2000 33%	200 200 200 200 200 200 200 200 200 200
New de trouverture de la constitution de la constit	4 10% 10% 24 100% 100% 150% 150% 150% 150% 150% 150%	200 200 1000 1000 1000 1000 1000 1000 1
Regist intensionales Book line par ensure mile Book line par ensure mile brating, referent severe Frending perferent general Nerseurch gestellen general Nerseurch for destrict exhibition Perferent general perferent general Nerseurch for destrict exhibition Perferent general Cop of the to Deep Base of 18 378 Machinetics (Politicals Wildermand, pergod, seepond, hospond, hospond, botherials Wildermand, pergod, seepond, hospond, botherials Wildermand, pergod, seepond, hospond, botherials Signat from general resolutions, suita Nerseurch (Signat from destrict) Signat from general resolutions, suita Nerseurch (Signat from destrict) Normal (Signat from destrict) N	4 10% 10% 24 100% 100% 150% 250% 2000 12% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 200% 2000 2000 200% 2000 2000 200% 2000 2000 200% 2000 200% 2000 2000 2000 2000 200% 2000	200 200 1000 1000 1000 1000 1000 1000 1
Regist interactions Enote lice are as exame mitte Facility invites speece Facility invites speece Facility invites speece Facility invites speece N research grade part N research of sectors N research for destine carboics Facility invites and facility in the N research of the facility in the N research of N research of the N research of N research of the N research of N research of the N research of the N research of the N rese	4 10% 10% 24 160% 155 150 160% 155 160% 160% 160% 160% 160% 160% 160% 160%	200 200 1100 1100 1100 1100 1100 1100 1
Regist intensionales Book line par ensure mile Book line par ensure mile brating, referent severe Frending perferent general Nerseurch gestellen general Nerseurch for destrict exhibition Perferent general perferent general Nerseurch for destrict exhibition Perferent general Cop of the to Deep Base of 18 378 Machinetics (Politicals Wildermand, pergod, seepond, hospond, hospond, botherials Wildermand, pergod, seepond, hospond, botherials Wildermand, pergod, seepond, hospond, botherials Signat from general resolutions, suita Nerseurch (Signat from destrict) Signat from general resolutions, suita Nerseurch (Signat from destrict) Normal (Signat from destrict) N	4 10% 10% 24 100% 100% 150% 150% 150% 150% 150% 150%	100 200 100 100 100 100 100 100 100 100

Basis for Participation Rates Based on 11 th Cost Efficiences of Commond Inhality Commissioning A Meta Assiys of Foregree and Non-Foregree reports in Estima Inhality and New Construction in the United States, available at http://seet 8d approximation/pub/ps/d/sc costs benefits paffed (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction in the United States, available at http://seet 8d approximation/pub/ps/d/sc costs benefits paffed (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction in the United States, available at http://seet 8d approximation/ps/d/sc costs benefits paffed (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction in the United States, available at http://seet 8d approximation/ps/d/sc costs benefits paffed (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction in the United States, available at http://seet 8d approximation/ps/d/sc costs benefits paffed (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction in the United States, available at http://seet 8d approximation (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction in the United States, available at http://seet 8d approximation (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction in the United States, available at http://seet 8d approximation (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) CC Options for Foregr (Efficiency in Existing Multilery and New Construction (2) Based on energy reduction levels from SOSBE Standard Performance Contract Program. Based on policy direction from the California Public Utilities Commission to increase the number of deep retrofits and California Long-Term Energy Efficiency Strategic Plan. Based on Energy Upgrade California program participation. Based on policy direction from the California Public Utilities Commission to increase the number of deep retrofits and California Long-Term Energy Efficiency Strategic Plan. Based on City of San Diego multi-family efficiency program participation. Basedon policy direction from the California Public Utilities Commission to increase the number of deep retrofits and California Long-Term Energy Efficiency Strategic Plan Based on incentives available through the California Solar Initiative (CSI). Energy savings based on CSI evaluations. Based on average energy reduction due to solar water heating. Based on incentives available through the California Solar Initiative. Based on current trends and availability of incentives through 2016. Based on current trends and availability of incentives through 2016. Based on a prorated share of technical potential for the SDG&E territory. Based on Culifornia Green Building Code and California Long-Term Energy Efficiency Strategic Plan to achieve net zero energy homes by 2020. Assumes that this level is required. Based on California Green Building Code and California Long-Term Energy Efficiency Strategic Plan to achieve net zero energy homes by 2030. Assumes that this level is required. 2020 values based on 2010 Urban Water Management Plan, Signal adotped for the City of San Diego under 58 7X. 2035 value Represents a 30% per capita reduction from average basine 1996-2005 from UWMP, viewed as an acceptable goal by stakeholders Based on historic energy reductions in City of San Diego operations SANDAG RTP 2050 forecast for the region applied to the City City of San Diego Bicycle Master Plan 2002 assumes a 270% increase in bicycle commuters within 20 years. 2010 achieve this would require nearly tripling the bicycle lane milks per square mile in 2020 from current (2010) estimated 1.4 lanes/square mile. 4 miles in 2020 is then a reasonable experience of the commuter o As advised by City of San Diego 2020 value from SANDAG RTP 2039 SCS Scenario measure for Metro region. 2035 value extrapolated from SANDAG RTP 2059 SCS Scenario measure for Metro region Based on and extrapolated from SANDAG'S Sustainable Communities Strategy. Based on SANDAG's estimates for SB 375 emission reduction targets scaled to City Based on discussion with City traffic management as feasible Based on CEC projection of electricity use for electric vehicles in 2020. 2035 value is linear extrapoliaiton from 2022 value. SANDAG RTP 2050 Growth Forecast As advised by City of San Diego and state mandate As advised by City of San Diego as planned and feasible Statutory requirement. See CA Public Utilities Code § 399.11 et seq. and CA Public Resources Code § 25740 et seq. as adopted in SBx1-2 on 4-12-11. Based on federal CAFÉ standards Low-Carbon Fuel Standard requirements as adoptd by the California Air Resources Board applied to the fuel consumption of the City of San Diego.

Tire Pressure Program requirements as adoptd by the California Air Resources Board applied to the City of San Diego Heavy Duty Vehicle Regulation requirements as adoptd by the California Air Resources Board